

Anti-RRM1 Antibody

Catalog # AP96042

Product Information

Application	WB, IHC, FC
Primary Accession	P23921
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	90070

Additional Information

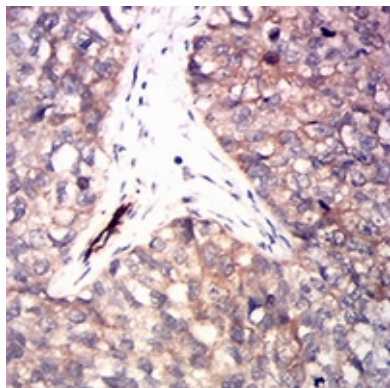
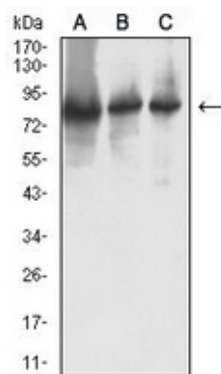
Gene ID	6240
Other Names	RR1; Ribonucleoside-diphosphate reductase large subunit; Ribonucleoside-diphosphate reductase subunit M1; Ribonucleotide reductase large subunit
Target/Specificity	Recombinant fusion protein of human RRM1 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200)
Format	Mouse IgG2a. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

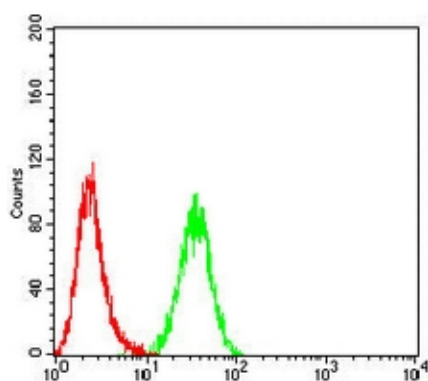
Name	RRM1
Synonyms	RR1
Function	Provides the precursors necessary for DNA synthesis. Catalyzes the biosynthesis of deoxyribonucleotides from the corresponding ribonucleotides.
Cellular Location	Cytoplasm.

Images

Western blot analysis of RRM1 expression in Hela (A), Jurkat (B), A431 (C) whole cell lysates. (Predicted band size: 90 kD; Observed band size: 85 kD)



Immunohistochemical analysis of RRM1 staining in human bladder cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Flow cytometric analysis of HeLa cells using Anti-RRM1 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.